



1276302.ST25.corrected.0903
SEQUENCE LISTING

RECEIVED
SEP 26 2003
TECH CENTER 1500/2303

<110> Yeda Research and Development Company Ltd.
<120> ASSAY FOR THE DIAGNOSIS OF SCHIZOPHRENIA BASED ON A NEW PEPTIDE
<130> 1276302
<140> 09/647,457
<141> 2000-09-29
<150> PCT/IL99/00190
<151> 1999-09-29
<150> 123925
<151> 1998-04-02
<160> 15
<170> PatentIn version 3.1
<210> 1
<211> 28
<212> PRT
<213> Unknown
<220>
<223> being the immunologically active epitope
<220>
<221> MISC_FEATURE
<222> (1)..(11)
<223> Xaa(1) may be S, I, A, D; Xaa(2) may be G, A, D; Xaa(3) may be E,
D; Xaa(4) may be T; Xaa(5) may be E; Xaa(6) may be D; Xaa(7) may
be T; Xaa(8) may be F; Xaa(9) may be I; Xaa(10) may be A; Xaa(11
) may be D; Some or all Xaa(1-11) may be absent.
<220>
<221> MISC_FEATURE
<222> (12)..(28)
<223> Xaa(19) may be C, G, P; Xaa(25) may be A,P; Xaa(26) may be P,A; X
aa(28) may be R or absent.
<400> 1
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu Val Val Gly Leu
1 5 10 15
Cys Thr Xaa Gln Ile Lys Thr Gly Xaa Xaa Cys Xaa
20 25
<210> 2
<211> 28
<212> PRT
<213> Unknown
<220>
<223> being the immunologically active epitope

<400> 2

Ser Gly Glu Thr Glu Asp Thr Phe Ile Ala Asp Leu Val Val Gly Leu
 1 5 10 15

Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg
 20 25

<210> 3

<211> 16

<212> PRT

<213> Unknown

<220>

<223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients.

<400> 3

Leu Val Val Gly Leu Cys Thr Cys Gln Ile Lys Thr Gly Pro Ala Cys
 1 5 10 15

<210> 4

<211> 20

<212> PRT

<213> Unknown

<220>

<223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients.

<400> 4

Ile Ala Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly
 1 5 10 15

Ala Pro Cys Arg
 20

<210> 5

<211> 19

<212> PRT

<213> Unknown

<220>

<223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 5

Ala Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala
 1 5 10 15

Pro Cys Arg

<210> 6
 <211> 18
 <212> PRT
 <213> Unknown

<220>
 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 6

Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro
 1 5 10 15

Cys Arg

<210> 7
 <211> 17
 <212> PRT
 <213> Unknown

<220>
 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 7

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys
 1 5 10 15

Arg

<210> 8
 <211> 17
 <212> PRT
 <213> Unknown

<220>
 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 8

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Pro Ala Cys
 1 5 10 15

Arg

<210> 9
 <211> 17
 <212> PRT
 <213> Unknown

<220>

<223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 9

Leu Val Val Gly Leu Cys Thr Pro Gln Ile Lys Thr Gly Pro Ala Cys
1 5 10 15

Arg

<210> 10

<211> 20

<212> PRT

<213> Unknown

<220>

<223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 10

Ser Gly Glu Thr Glu Asp Thr Phe Ile Ala Asp Leu Val Val Gly Leu
1 5 10 15

Cys Thr Gly Gln
20

<210> 11

<211> 16

<212> PRT

<213> Unknown

<220>

<223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 11

Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg
1 5 10 15

<210> 12

<211> 12

<212> PRT

<213> Unknown

<220>

<223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 12

Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg
1 5 10

<210> 13

<211> 16
 <212> PRT
 <213> Unknown

<220>
 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 13

Leu val val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys
 1 5 10 15

<210> 14
 <211> 15
 <212> PRT
 <213> Unknown

<220>
 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 14

Leu val val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro
 1 5 10 15

<210> 15
 <211> 16
 <212> PRT
 <213> Unknown

<220>
 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 15

Leu val val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Pro Ala Cys
 1 5 10 15